

AKRO-MILS



WADSWORTH, OHIO Multiple Energy Efficiency Technologies

Since 1947, Akro-Mils (a division of Myers Industries) has been an industry leader in providing plastic and metal products to solve storage and organization challenges. The company provides products for the industrial, healthcare, custom, and home industries. Akro-Mils is based in Akron, Ohio, and has nationwide manufacturing facilities and distribution centers.

PROJECT GOALS:

Improve energy efficiency and increase production speed.

SOLUTION:

Incorporate efficient lighting into the construction of a new warehouse and replace existing equipment with energy-efficient products.

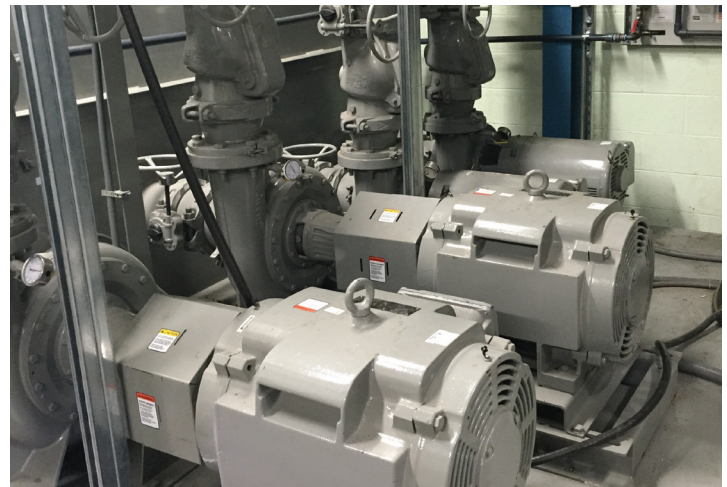
PROJECT SUMMARY:

Since 2011, Akro-Mils has worked with Efficiency Smart to complete energy efficiency improvements at its facility in Wadsworth, Ohio. The company has partnered with Efficiency Smart to install LED exit signs, injection molding machines, occupancy sensors and fluorescent T5 and T8 lights, LED flood lights and wall-packs, and new cooling towers with variable frequency drives (VFDs). In addition, the company also replaced cooling tower pumps with VFDs and installed an interior lighting system with less power density than the energy code standard in its new warehouse.

An Efficiency Smart energy consultant worked with Akro-Mils to review the project and to validate its energy savings. As a result of the upgrades, the company now consumes less electricity, and the new injection molding machines have increased the speed of production.

“We had a great experience working with Efficiency Smart for our efficiency upgrades. Its technical staff measured our energy use and verified the amount of energy and money we are saving. They handled most of the work, and were quick to answer any questions we had during the process.”

–Jay Campbell
Maintenance Manager, Akro-Mils



PROJECT FACTS AT A GLANCE

Annual kWh Savings:
2,348,500

Annual Cost Savings:
\$188,100

Lifetime Cost Savings:
\$2,601,500

Simple Payback:
1.81 years

Annual CO₂ Reduction:
4,361,600 pounds

PROJECT PARTNERS

Jim Daw
Plant Manager
Akro-Mils

Jay Campbell
Maintenance Manager
Akro-Mils

Robin Laubaugh
Mayor
City of Wadsworth

Robert Patrick
Director of Public Service
City of Wadsworth

Harry Stark
Assistant Director of Public Service
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